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## Abstract of the Disclosure

resist pattern forming apparatus comprising a controller having a controlling portion that controls a processing of a coating and developing apparatus with a coating unit and a developing unit being provided therewith and an aligner being connected thereto, while an inspecting portion and the like measures at least one of a plurality of measurement items selected from, a reflection ratio and a film thickness of a base film and a resist film, a 1/ine width after the development, an accuracy that the base film matches with a resist pattern, a defect after the development, and so on. The measured data is transmitted to the controller. At the controller, a parameter subject to an amendment selected based on the corresponding data of each of the measurement i/tem such as the film thickness of resist and the line width after the development, the amendment οf the parameters subject the amendment/ is performed. As a result, the amending operation is facilitated by a reduced workload of an operator and in the same time, the appropriate amendment can be performed.

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